



Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input checked="" type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)																		
Manufacturer				Work		Nationality	Date	Page No..															
Company Name: <b>FAED, S.L. (Fundiciones de Aceros Especiales D, S.L.)</b>				E - 39313 POLANCO (CANTABRIA)		E	19.07.18	1	TÜV Rheinland Industrie Service GmbH														
Location: <b>E - 39313 POLANCO (CANTABRIA)</b>							Rev.:2	of : 3															
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max  1=t / 2=kg ↓ result	Technical Specifications  Requirements  Technical Regulations	Remarks												
					Thick-ness mm	Ø mm	fr o m	Up to				fr o m	Up to										
1	2	3	4	5	6 a	6b	7a	7b	8 a	8b	9	10											
<b>1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU</b>																							
The use of the materials according to Directive 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.																							
1	GX4CrNi 13-4 ( 1.4317)	EN 10283	+QT	CAST PIECES		200				9000	EN 10283	a											
2	Gx2CrNiMo 22-5-3 ( 1.4470)	EN 10283	+AT	CAST PIECES		150				9000	EN 10283	a											
<b>Remarks</b>																							
<table border="0"> <tr> <td>+AT = solution annealed</td> <td>+NT = normalized and tempered</td> <td>a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary</td> </tr> <tr> <td>+AR = as rolled</td> <td>+QT = quenched and tempered</td> <td></td> </tr> <tr> <td>+M = thermo mechanical treated</td> <td>+S = soft annealed</td> <td></td> </tr> <tr> <td>+N = normalized or normalizing formed</td> <td>+SR = stress relieved</td> <td></td> </tr> </table>												+AT = solution annealed	+NT = normalized and tempered	a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary	+AR = as rolled	+QT = quenched and tempered		+M = thermo mechanical treated	+S = soft annealed		+N = normalized or normalizing formed	+SR = stress relieved	
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Location: <b>E - 39313 POLANCO (CANTABRIA)</b>						Rev.:2	of : 3					
Cur	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max  1=t / 2=kg ↓ result	Technical Specifications  Requirements  Technical Regulations	Remarks	
					Thick-ness mm	∅ mm	from	Up to				from
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	
<b>2. Materials according to the AD 2000-Code</b>												
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.												
3	G 20 Mn 5 (1.6220)	EN 10293	+QT	PIECES		100			9000	AD 2000 W5	3-2 CERTIFICATE	
<b>Remarks</b>												
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					Thick-ness mm	∅ mm	from	Up to				from
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	
<b>3. Materials according to international standards ( e. g. ASTM, ASME, IBR etc. )</b>												
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4	WCB	ASTM A 216	+N, +QT	<b>CAST PIECES</b>		200				9000	ASTM A 216	a
5	CA6Mn	ASTM A 487	+QT	<b>CAST PIECES</b>		200				9000	ASTM A 487	a
<b>Results</b>												
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